

1 **DERWENT-ACC-NO: 1993-317729**  
 2 **DERWENT-WEEK: 199340**  
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 5 **TITLE: Adhesive compsn. for labelling recyclable bottles**  
 6 **etc. - comprising emulsion of EVA or poly(meth)acrylate,**  
 7 **and water-insol. cpd. that swells or dissolves in alkali**  
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 9 **PATENT-ASSIGNEE: KURARAY CO LTD[KURS]**  
 10  
 11 **PRIORITY-DATA: 1992JP-0070421 (February 19, 1992)**  
 12  
 13 **PATENT-FAMILY:**  
 14 

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 05230427 A	September 7, 1993	N/A
005	C09J 123/08	

  
 18  
 19 **APPLICATION-DATA:**  
 20 

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
<u>JP05230427A</u>	N/A	1992JP-0070421
February 19, 1992		

  
 24  
 25 **INT-CL (IPC): C09J123/08; C09J131/02 ; C09J133/08 ;**  
 26 **C09J201/06 ;**  
 27 **G09F003/10**  
 28  
 29 **ABSTRACTED-PUB-NO: JP05230427A**  
 30 **BASIC-ABSTRACT: An adhesive compsn. for labelling consists**  
 31 **of ethylene/vinyl acetate copolymer emulsions (A1) and/or**  
 32 **poly(meth)acrylate emulsions (A2); and water-insoluble and**  
 33 **alkali-soluble or alkali-swellaable cpd. (B).**  
 34  
 35 **The adhesive compsn. e.g contains filler to improve**  
 36 **flowability and initial adhesion, and water-soluble resins**  
 37 **e.g. polyacrylate and polyester; thickener; tackifier etc.**  
 38 **and has a solids content pref. 20-60 (30-50) wt.% and a**  
 39 **viscosity of 2,000-10,000 (5,000-70,000) cps. Examples of**  
 40 **(B) are styrene/maleic anhydride, isobutylene/maleic**  
 41 **anhydride copolymers and alkali-soluble polyvinyl acetate**  
 42 **emulsion. A suitable (A)/(B) wt. ratio is 100/4-10.**  
 43  
 44 **USE/ADVANTAGE - The adhesive compsn. is suitable for**  
 45 **labelling esp. plastic bottles. It exhibits the same level**  
 46 **of initial adhesion and water-resistant adhesion as**  
 47 **conventional emulsion type and solvent solution type**

1 adhesives. When bottles are recycled, labels can be easily  
2 peeled off of the bottles. CHOSEN-DRAWING: Dwg.0/0  
3  
4 TITLE-TERMS:  
5 ADHESIVE COMPOSITION LABEL RECYCLE BOTTLE COMPRISE EMULSION  
6 EVA POLY METHO ACRYLATE WATER INSOLUBLE COMPOUND SWELLING  
7 DISSOLVE ALKALI  
8  
9 ADDL-INDEXING-TERMS:  
10 METHACRYLATE!  
11  
12 DERWENT-CLASS: A18 A81 G03 P85  
13  
14 CPI-CODES: A04-F06E6; A04-G07; A12-P; A12-W03; G03-B02D1;  
15 G03-B02D2;  
16  
17 SECONDARY-ACC-NO:  
18 CPI Secondary Accession Numbers: C1993-141378  
19 Non-CPI Secondary Accession Numbers: N1993-244789  
20